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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

|               |                                     |                     |        |
|---------------|-------------------------------------|---------------------|--------|
| Applicant(s): | Victor F. Petrenko, et al.          | Group Art Unit:     | 2838   |
| Serial No.    | 10/056,163                          | Examiner:           |        |
| Filed:        | January 24, 2002                    | Attorney Docket No. | 392147 |
| For:          | LOW-FREQUENCY DE-ICING OF CABLEWAYS |                     |        |

Box: Missing Parts  
Commissioner for Patents  
Washington, D.C. 20231

CERTIFICATE OF MAILING

Date of Deposit: April 24, 2002.

I hereby state that the following *attached* papers:

1. Certificate of Mailing [1 page];
2. Submission of Missing Parts form [2 pages];
3. Copy of Filing Receipt [2 pages];
4. Notice of File Missing Parts of Non Provisional Application Filed under 37 CFR 1.53(b); [1 page];
5. Declaration for Utility or Design Patent Application [3 pages];
6. Check 2523 in the amount of \$65.00 for the oath or declaration surcharge;
7. Return Postcard [1];

are being deposited with the United States Postal Service as First Class Mail service under 37 CFR 1.8 in an envelope addressed to: Box: Missing Parts, Commissioner for Patents, Washington, D.C. 20231.

  
Carol J. Dunkel

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COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

| APPLICATION NUMBER | FILING/RECEIPT DATE | FIRST NAMED APPLICANT | ATTORNEY DOCKET NUMBER |
|--------------------|---------------------|-----------------------|------------------------|
| 10/056,163         | 01/24/2002          | Victor F. Petrenko    | 392147                 |

30959  
LATHROP & GAGE LC  
4845 PEARL EAST CIRCLE  
SUITE 300  
BOULDER, CO 80301

CONFIRMATION NO. 9487

FORMALITIES LETTER



\*OC00000007527337\*

Date Mailed: 02/25/2002

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

*Filing Date Granted*

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is missing.  
*A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.*
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 65.

*A copy of this notice **MUST** be returned with the reply.*

Customer Service Center  
Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

05/07/2002 HMARZ11 00000047 10056163  
01 FC:205  
65.00 DP



Receipt #8  
Page 1 of 2  
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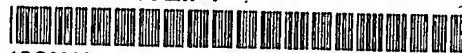
COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
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| APPLICATION NUMBER | FILING DATE | GRP ART UNIT | FIL FEE REC'D | ATTY. DOCKET NO | DRAWINGS | TOT CLAIMS | IND CLAIMS |
|--------------------|-------------|--------------|---------------|-----------------|----------|------------|------------|
| 10/056,163         | 01/24/2002  | 2838         | 736           | 392147          | 5        | 56         | 4          |

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SUITE 300  
BOULDER, CO 80301

CONFIRMATION NO. 9487

FILING RECEIPT



\*OC000000007527336\*

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Date Mailed: 02/25/2002

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s) *Victor Lebanon, New Hampshire*  
*Victor F. Petrenko, Residence Not Provided;*  
*Charles R. Sullivan, Hanover, New Hampshire*

Domestic Priority data as claimed by applicant

THIS APPLN CLAIMS BENEFIT OF 60/263,943 01/24/2001  
AND A CIP OF 09/426,685 10/25/1999  
WHICH IS A DIV OF 09/094,779 06/15/1998 PAT 6,027,075  
AND A CIP OF PCT/US00/05665 03/01/2000  
WHICH CLAIMS BENEFIT OF 60/122,463 03/01/1999  
AND CLAIMS BENEFIT OF 60/131,082 04/26/1999  
AND CLAIMS BENEFIT OF 60/110,440 12/01/1998  
AND CLAIMS BENEFIT OF 60/122,463 03/01/1999  
AND CLAIMS BENEFIT OF 60/131,082 04/26/1999

Foreign Applications

PCT/US99/28330 11/30/1999  
*PCT/US02/01858*

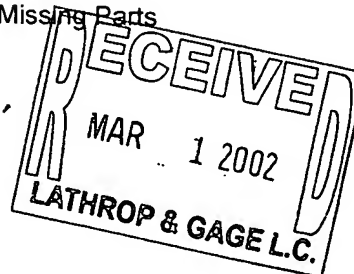
If Required, Foreign Filing License Granted 02/25/2002

Projected Publication Date: To Be Determined - pending completion of Missing Parts

Non-Publication Request: No

Early Publication Request: No

\*\* SMALL ENTITY \*\*



10/10/02  
10/10/02

**Title**

Low-frequency de-icing of cableways

COPY OF PAPERS  
ORIGINALLY FILED**Preliminary Class**

323

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**LICENSE FOR FOREIGN FILING UNDER  
Title 35, United States Code, Section 184  
Title 37, Code of Federal Regulations, 5.11 & 5.15**

**GRANTED**

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

**NOT GRANTED**

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).



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PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s): Victor F. Petrenko, et al.      Group Art Unit: 2838  
Serial No 10/056,163      Examiner:  
Filed: January 24, 2002      Attorney Docket No 392147  
For: LOW-FREQUENCY DE-ICING OF CABLEWAYS

**SUBMISSION OF MISSING PARTS**

BOX: MISSING PARTS  
Assistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

In response to the Notice To File Missing Parts of Nonprovisional Application dated February 25, 2002, are the following:

1. Declaration for Utility or Design Patent Application;
2. Pursuant to 37 CFR § 1.48(f)(1) this first submission of an executed oath or declaration under §1.63 by any of the inventors during the pendency of the application will act or correct the earlier identification of inventorship. Changes need to be made to the Filing Receipt mailed February 25, 2002 to reflect the following:
  - a. correction of applicant from Vlctor F. Petrenko to Victor F. Petrenko, Lebanon, New Hampshire,
  - b. addition of second applicant Charles R. Sullivan, Hanover, New Hampshire,
  - c. addition of PCT/US02/01858 to the Foreign Applications.

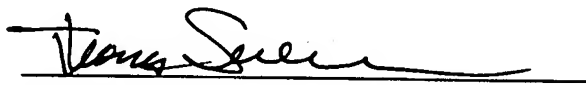
3. Check for \$65.00 for the oath or declaration surcharge as set forth in 37 CFR 1.16 for a small entity in compliance with 37 CFR 1.27, submitted with the missing items identified in the Notice to File Missing Parts of Nonprovisional Application.

If any fee has been inadvertently overlooked, please charge deposit account number 12-0600.

The Examiner is encouraged to contact the undersigned if prosecution of the application may be expedited thereby.

Respectfully submitted:

Date: April 24, 2002

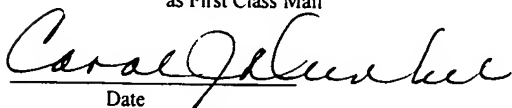
  
Thomas Swenson, Reg. No. 36,696  
LATHROP & GAGE, L.C.  
4845 Pearl East Circle, Suite 300  
Boulder, CO 80301  
Tel: 303-449-5800  
Fax: 303-443-6998

CERTIFICATE UNDER 37 C.F.R. 1.8(a) and 1.10

I hereby certify that, on the date shown below, this correspondence is being deposited with the United States Postal Service in an envelope addressed to Box Missing Parts, Assistant Commissioner for Patents, Washington, D.C. 20231 with sufficient postage:

MAILING

☒ 37 CFR 1.8(a)  
as First Class Mail

  
Date

☒ 37 CFR 1.10  
as Express Mail Post Office to Addressee  
EXPRESS MAIL NO. \_\_\_\_\_

Carol J. Dunkel